



24-AT-5990
PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Chalberg

Serial No.: 09/692,135

Filed: October 19, 2000

For: CORE SUPPORT FOR AN F-LATTICE
CORE OF A BOILING WATER
NUCLEAR REACTOR

Art Unit: 3641

Examiner: J. Richardson

#9/Amdt A
ROSS
9-19-02

AMENDMENT

Commissioner for Patents
Washington, D.C. 20231

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In response to the Office Action dated June 13, 2002, please amend the above-identified patent application as follows.

IN THE CLAIMS

1. (amended) A core plate assembly for a nuclear reactor, the reactor comprising a plurality of large control rods, a plurality of cruciform shaped control rod guide tubes, and a plurality of fuel bundles having lower tie plates, said core plate assembly comprising:

- a flat plate;
- a plurality of support beams, said flat plate positioned on top of said support beams;
- a plurality of control rod guide tube openings, each said guide tube opening sized to receive a control rod guide tube, said control rod guide tube openings arranged in staggered rows; and
- a plurality of fuel supports extending through said flat plate, each said fuel support comprising: